

Test Report

No.SDHL250100000901OT

Date: Jan 10, 2025

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HESHAN CITY KEDE HARDWARE PLASTIC CO.,LTD.
NO. 50-2, SANLIAN 3RD STREET, GULAO TOWN, HESHAN CITY

Sample Description : ANTI-STATIC CHAIR
Item No. : IC019
Manufacturer : HESHAN CITY KEDE HARDWARE PLASTIC CO.,LTD.
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Dec 31, 2024
Test Performing Date : Jan 02, 2025 to Jan 10, 2025
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Seating resistance measurements	PASS	/
For further details, please refer to the following page(s)			

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Kitty Kang

Kitty Kang
Authorized Signatory



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TESTS AND RESULTS
Test Conducted:

Seating resistance measurements

Sample Information:

Tested sample: #A

For more sample information and pictures, please refer to the following page.

Tested Result:

Details shown as following table.

Protocol:				
Test Property	Test Methods	Test Principle/Requirements	Result	Rating
Seating resistance measurements	Refer to ANSI/ESD STM 12.1-2019	Before conducting resistance measurements, the test sample should be placed in an environment of 23 °C and 50% RH for at least 48 hours. During testing, the sample is placed on the insulative specimen support surface. The test sample caster and electrode are placed on a metal plate, while the other electrode is placed on the area to tested. First, use a 10 V test voltage for testing. If the resistance is less than $1 \times 10^6 \Omega$, record the results directly. If the resistance is greater than $1 \times 10^6 \Omega$, use a 100 V test voltage for testing and record the results. Requirement limit: Refer to the reference standard ANSI/ESD STM 12.1-2019, the groundable point resistance of each part is less than $1 \times 10^9 \Omega$.	M The specific test result is detailed in Table A and Table B	P



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Test temperature: 23°C, test humidity: 50% RH.

Table A:

Measurements of Resistance between Groundable Points

Seating Component	Groundable Point measured				
	Ground Point B	Ground Point C	Ground Point D	Ground Point E	Ground Point F
Resistance to Groundable Point A (ohms) – OPTIONAL	3.64x10 ³ Ω	3.11x10 ³ Ω	4.47x10 ³ Ω	3.26x10 ³ Ω	/

Table B:

Measurements of Seat Components to Groundable to Points

Seating Component	Point Measured	V _e (volts)	Resistance to A*
Seat	1	100 V	9.61x10 ⁷ Ω
	2	100 V	9.57x10 ⁷ Ω
	3	100 V	9.44x10 ⁷ Ω
	4	100 V	9.60x10 ⁷ Ω
	5	100 V	9.56x10 ⁷ Ω
Back Rest	1	100 V	9.54x10 ⁷ Ω
	2	100 V	9.60x10 ⁷ Ω
	3	100 V	9.30x10 ⁷ Ω
	4	100 V	9.72x10 ⁷ Ω
	5	100 V	9.58 x10 ⁷ Ω
Rear of Back Rest	1	100 V	1.70x10 ⁷ Ω
	2	100 V	4.77x10 ⁷ Ω
	3	100 V	3.17x10 ⁷ Ω
Base	1	10 V	2.31x10 ³ Ω
Footrest	1	10 V	1.61x10 ³ Ω

Remark:

1. NA =Not Applicable; NT=Not Tested; NR=Not Requested to test as per client's requirements.
M=Meets; NM=Does Not Meet; C=Claimed; R=Recorded.
P=PASS=Compliant with the requirements; F=FAIL= Incompliant with the requirements.
2. This test is only conducted on one sample.
3. The temperature and humidity of the testing the testing environment are 23 °C and 50% RH.



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Sample Information:

Sample	Overall Dimensions	Net Weight	Other Dimensions
#A	Length: 575.0 mm Width: 575.0 mm Height: 850.0~1000.0 mm	9.7 kg	/

Picture Appendix:



Exhibit #1. Sample #A



Exhibit #2. Sample #A

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report



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